

Application No.: 10/507,010

**AMENDMENT TO THE SPECIFICATION**

Please amend the paragraph beginning on page 15, line 14 as follows:

--It is further preferable that the central potential ( $E_{cen}(V)$ ) of the AC potential is set within, or in the vicinity of, a potential region where the reaction of the interfering substance at the working electrode is diffusion-controlled. It is particularly preferable that the central potential is a potential more positive than a potential that is 0.05 V negative relative to the most negative potential ( $E_{min}(V)$ ) in the potential region where the reaction of the interfering substance at the working electrode is diffusion-controlled. That is, the central potential and the most negative potential preferably satisfy:  $[(E_{cen} > E_{min} - 5 (V))] \underline{E_{cen} > E_{min} - 0.05 (V)}$ . In this way, the current variation derived from the electron mediator versus modulation of the potential applied to the working electrode can be made greater, while the current variation derived from the interfering substance can be made almost zero. Hence it is possible to completely remove the influence of the interfering substance in the substrate measurement by the alternating current method using the sample solution containing the substrate and interfering substance mixed.--

Please amend the paragraph beginning on page 8, line 6 as follows:

--It is also preferable that oxidoreductase is [[pyloroquinoline]] pyrroloquinoline quinone-dependent glucose dehydrogenase, and the electron mediator is ruthenium hexacyanate.--